

Application No. 10/715,490
Reply to Office Action of Dec 14, 2005

Patent
Attorney Docket No. 86493-2

I. AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions of claims in the application.

1. (Previously presented) A traffic-signalling device suitable for redirecting oncoming traffic, said traffic-signalling device comprising:
 - a moveable member suitable for attachment to a support, said moveable member being formed of at least two substantially identical modular components, said moveable member being operative to move between a first position and a second position, wherein when said moveable member is in said second position said traffic-signalling device is operative to redirect oncoming traffic;
 - a solar-powered drive system for causing said moveable member to move between said first position and said second position.
2. (Original) A traffic-signalling device as defined in claim 1, wherein said solar-powered drive system includes an electric battery and an electric motor.
3. (Original) A traffic-signalling device as defined in claim 2, wherein said electric battery is charged by one or more solar cells.
4. (Original) A traffic-signalling device as defined in claim 1, wherein said moveable member defines a longitudinal axis, wherein when said moveable member is in said second position, said longitudinal axis is substantially perpendicular to the direction of oncoming traffic.

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5. (Original) A traffic-signalling device as defined in claim 4, wherein when said moveable member is in said first position, said longitudinal axis is substantially parallel to the direction of oncoming traffic.
6. (Original) A traffic-signalling device as defined in claim 1, wherein said moveable member includes a barrier arm that when in said second position extends into a portion of a road for informing the oncoming traffic that the portion of the road into which said movable member extends, is closed.
7. (Cancelled)
8. (Original) A traffic-signalling device as defined in claim 3, wherein said moveable member includes a first end and a second end, said first end being attached to said support, and said second end including at least one of an image and text thereon for providing information to oncoming traffic.
9. (Original) A traffic-signalling device as defined in claim 1, wherein the activation of said solar-powered drive system is controlled remotely.
10. (Original) A traffic-signalling device as defined in claim 3, wherein said moveable member is made from at least one material selected from the list comprising steel, aluminium and plastic.
11. (Previously presented) A traffic-signalling system suitable for providing information to oncoming traffic, said traffic-signalling system comprising:
 - a plurality of traffic-signalling devices, each traffic-signalling device comprising:
 - i) a moveable member suitable for attachment to a support, said moveable member being operative to move between a first position and a second position, wherein when said moveable member is in

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said second position said traffic-signalling device is operative to provide information to oncoming traffic;

- ii) a drive system suitable for causing said moveable member to move between said first position and said second position;
- iii) a solar powered control system suitable for receiving wireless signals for causing the activation of said drive system.

- 12. (Previously presented) A traffic-signalling system as defined in claim 11, wherein said drive system includes an electric battery and an electric motor.
- 13. (Original) A traffic-signalling system as defined in claim 12, wherein said electric battery is charged by one or more solar cells.
- 14. (Original) A traffic-signalling system as defined in claim 11, wherein said moveable member defines a longitudinal axis, such that when said moveable member is in said second position, said longitudinal axis is substantially perpendicular to the direction of oncoming traffic.
- 15. (Original) A traffic-signalling system as defined in claim 14, wherein when said moveable member is in said first position, said longitudinal axis is substantially parallel to the direction of oncoming traffic.
- 16. (Previously presented) A traffic-signalling system as defined in claim 11, wherein said moveable member includes a barrier arm that when in said second position extends into a lane of traffic for informing the oncoming traffic that the lane of traffic into which said movable member extends, is closed.
- 17. (Original) A traffic-signalling system as defined in claim 16, wherein said barrier arm is formed of one or more modular components.

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18. (Original) A traffic-signalling system as defined in claim 13, wherein said moveable member includes a first end and a second end, said first end being attached to said support, and said second end including at least one of text and an image thereon for providing information to oncoming traffic.
19. (Original) A traffic-signalling system as defined in claim 13, wherein said moveable member is made from at least one material selected from the list comprising steel, aluminium and plastic.
20. (Cancelled)
21. (Cancelled)
22. (Previously presented) A traffic-signalling system as defined in claim 11, wherein upon receipt of a wireless signal at a first control system of a first traffic-signalling device, said first control system transmits a wireless signal to a second control systems of a second traffic-signalling device.
23. (Cancelled)
24. (Cancelled)
25. (Cancelled)
26. (Cancelled)
27. (Previously presented) A traffic-signalling system as defined in claim 11, wherein said drive system is solar powered.

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28. (Previously presented) A traffic-signalling system as defined in claim 11, wherein said solar powered control system is operative for communicating over a wireless transmission link with a solar powered control system of at least one other traffic-signalling device in said plurality of traffic signalling devices.
29. (Previously presented) A traffic-signalling device suitable for providing information to oncoming traffic, said traffic-signalling device comprising:
- a moveable member suitable for attachment to a support, said moveable member being operative to move between a first position and a second position, wherein when said moveable member is in said second position said traffic-signalling device is operative to provide information to oncoming traffic;
 - a drive system suitable for causing said moveable member to move between said first position and said second position
 - a solar powered control system suitable for:
 - i) allowing said drive system to move said movable member between said first position and said second position, upon receipt of a remotely transmitted command signal;
 - ii) communicating over a wireless transmission link with a solar powered control system of at least one other traffic-signalling device.
30. (Previously presented) A traffic-signalling system comprising:
- a plurality of movable barrier arms, each barrier arm in said plurality of barrier arms being operative to move between a first position and a second position, wherein when a barrier arm is in said second position said barrier arm forms a barrier to oncoming traffic;
 - a plurality of solar powered drive systems, each barrier arm in said plurality of barrier arms being associated with a respective one of said

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plurality of solar powered drive systems, each solar powered drive system being suitable for causing a respective barrier arm to move between said first position and said second position;

- a plurality of solar powered control systems, each barrier arm in said plurality of barrier arms being associated with a respective one of said plurality of solar powered control systems;
- wherein at least one solar powered control system in said plurality of solar powered control systems is operative to receive over a cellular network a command signal conveying instructions to be implemented by said solar powered control system, said at least one solar powered control system being operative for conveying said command signal to other solar powered control systems in said plurality of solar powered control systems over a wireless communication link.

31. (New) A traffic-signalling device as defined in claim 29, wherein said drive system includes an electric battery and an electric motor.
32. (New) A traffic-signalling device as defined in claim 31, wherein said electric battery is charged by one or more solar cells.
33. (New) A traffic-signalling device as defined in claim 29, wherein said moveable member defines a longitudinal axis, wherein when said moveable member is in said second position, said longitudinal axis is substantially perpendicular to the direction of oncoming traffic.
34. (New) A traffic-signalling device as defined in claim 29, wherein said moveable member includes a barrier arm that when in said second position extends into a portion of a road for informing the oncoming traffic that the portion of the road into which said movable member extends, is closed.